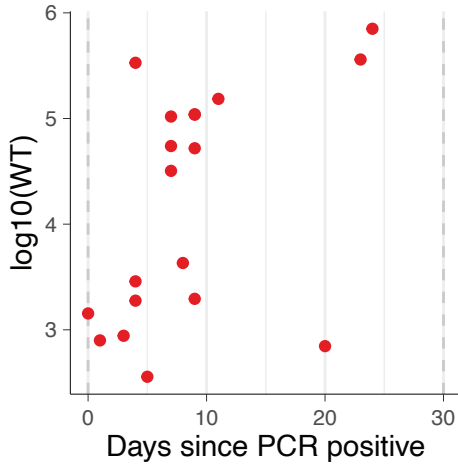
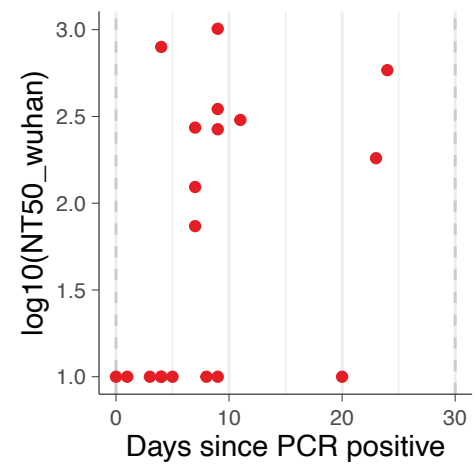
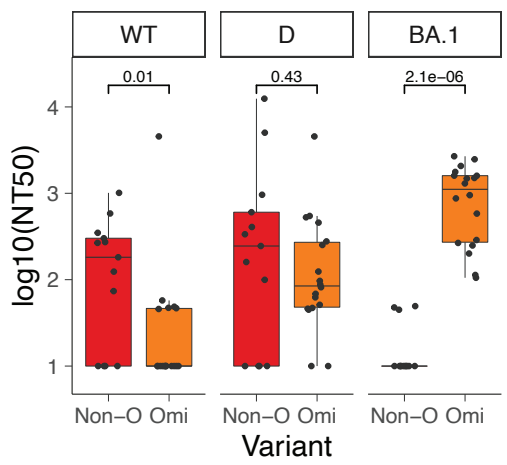
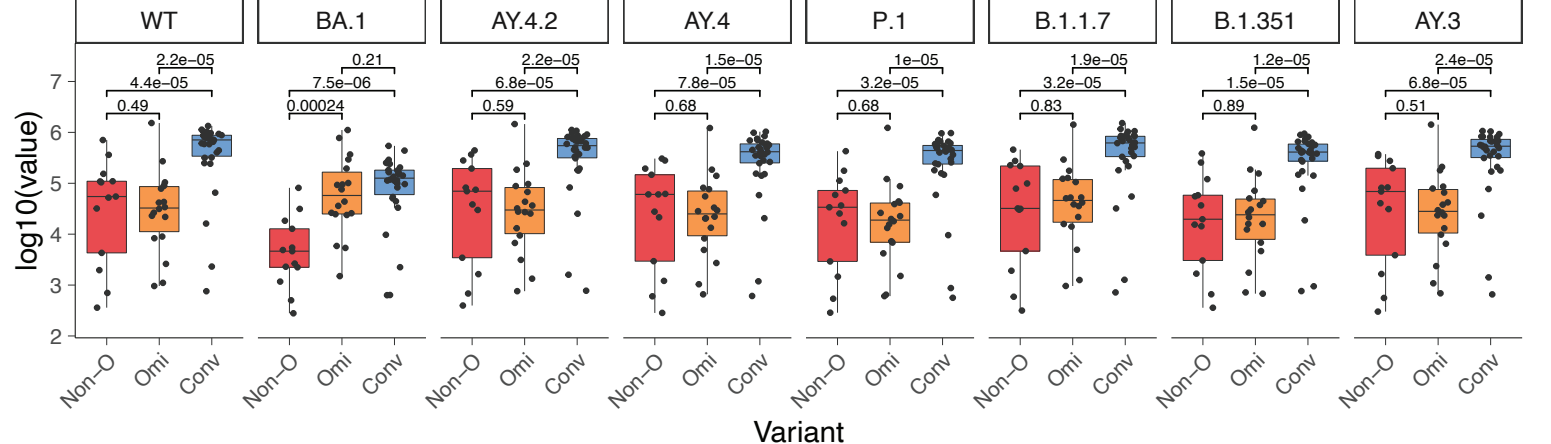
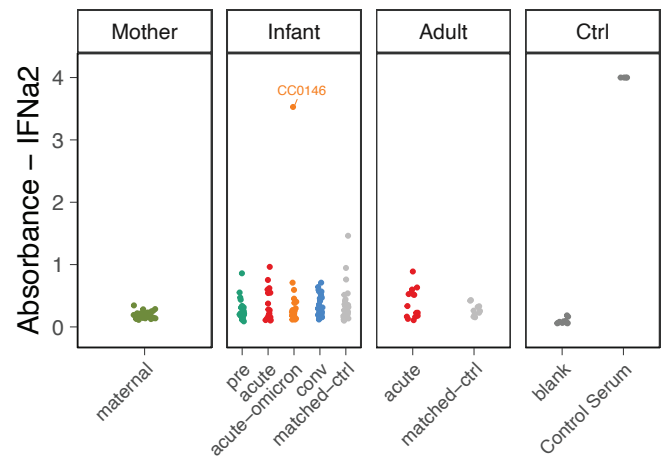
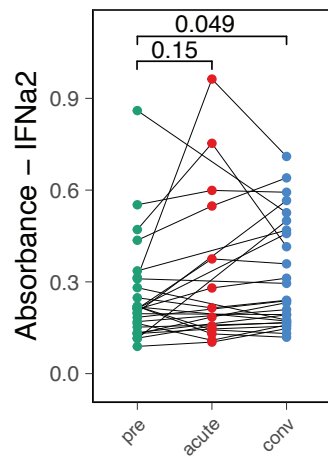


A

Assay	Sample type	Infants						Adults/Mothers					
		pre	acute		conv	ctrl	maternal	pre	acute		conv	ctrl	total
			non-omicron	omicron					non-omicron	omicron			
S-Specific B cells	pbmc	12	12	3	21	10		17			2		77
Antigen-specific T cells	pbmc	12	12	3	21	10		16			2		76
CytoF	pbmc	14	19	14	14	14							75
scMultiomics	pbmc	9	10	8	9	7							43
MSD antibody binding titer	plasma	27	19	18	30	5		15			10	4	128
Olink inflammation panel	plasma	27	19	18	30	27		15				10	146
MSD IFNa2	plasma	27	19	22	30	27		15				10	150
Neutralizing titers	serum	27	19	18	30			16					110
Neutralizing titers -Omicron subt.	serum	27	19	18	30								94
bulkRNA-seq	tempus	27	19	18		26							90
Olink inflammation panel - mothers	plasma							3	21	20		3	47
MSD IFNa2 - mothers	plasma							3	21	20		3	47
Auto-antibodies - ELISA	plasma	27	19	18	30	27	30	15				10	176
Olink inflammation panel - nose	nasal swabs	2	7	45	17	20		9	40			19	159
MSD IFNa2 - nose	nasal swabs	2	7	45	17	20		9	40			19	159
Bradford protein assay - nose	nasal swabs	2	7	45	17	20		9	40			19	159

B Binding**C** Neut**E** Neut**D** Binding**F** Auto-antibodies**G****H**